

Attorney's Docket No.: 07039-658002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Collins, et al. Art Unit : 1618  
Serial No. : 10/785,266 Examiner : Dameron Levest Jones  
Filed : February 24, 2004  
Title : COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS

MAY 01 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a Minnesota corporation, and REGENTS OF THE UNIVERSITY OF MINNESOTA, a university, certify that they are the joint Assignees of 100% of the right, title and interest in the patent application identified above by virtue of:

- A chain of title from the inventors of the patent application identified above, to the current Assignees as shown below. Copies of the assignments are attached.
1. From Henricus Hogenkamp to Regents of the University of Minnesota recorded in the Patent and Trademark Office at Reel 010922, Frame 0120 on June 23, 2000.
  2. From Henricus Hogenkamp to Regents of the University of Minnesota recorded in the Patent and Trademark Office at Reel 011009, Frame 0638 on July 25, 2000.
  3. From Douglas Collins to Mayo Foundation for Medical Education and Research recorded in the Patent and Trademark Office at Reel 010921, Frame 0111 on June 23, 2000.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignees identified above.

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

May 1, 2006

Date of Transmission

Signature

ANGELA J. MONTGOMERY

Typed or Printed Name of Person Signing Certificate

Applicant : Collins, et al.  
Serial No. : 10/785,266  
Filed : February 24, 2004  
Page : 1 of 2

Attorney's Docket No.: 07039-658002

The above-identified Assignees have executed an "Invention and License Administration Agreement," wherein Assignee Mayo Foundation for Medical Education and Research has all rights to administer direct prosecution of the above-identified application.

The undersigned, whose title is supplied below, is empowered to act on behalf of the Assignee Mayo, who, as indicated above, has full prosecution rights in this matter.

The undersigned, acting on behalf of the Assignee, Mayo, hereby revokes all powers of attorney previously granted in the application and appoints:

Richard J. Anderson, Reg. No. 36,732  
Dorothy P. Whelan, Reg. No. 33,814  
J. Patrick Finn III, Ph.D., Reg. No. 44,109  
John F. Hayden, Reg. No. 37,640  
James A. Rogers, Reg. No. 37,228

Mark S. Ellinger, Ph.D., Reg. No. 34,812  
Ronald C. Lundquist, Ph.D., Reg. No. 37,875  
Teresa A. Lavoie, Ph.D., Reg. No. 42,782  
M. Angela Parsons, Ph.D., Reg. No. 44,282  
Mary Ann Dillahunt, Reg. No. 34,576

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26191

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature:

Date: April 28, 2006

Typed name: Steven P. Van Norden

Title: Assistant Treasurer

Assignee: Mayo Foundation for Medical Education and Research

60349133.6cc

1155.605PRV



UNITED STATES DEPARTMENT OF COMMERCE  
**Patent and Trademark Office**  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

SEPTEMBER 07, 2000

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH,  
 P.A. - GARY J. SPEIER  
 P.O. BOX 2938  
 MINNEAPOLIS, MN 55402



\*101409566A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 06/23/2000

REEL/FRAME: 010922/0120  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HOGENKAMP, HENRICUS P.C.

DOC DATE: 06/07/2000

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF  
MINNESOTA  
600 UNIVERSITY GATEWAY  
200 OAK STREET SE  
MINNEAPOLIS, MINNESOTA 55455-2020SERIAL NUMBER: 60159753  
PATENT NUMBER:FILING DATE: 10/15/1999  
ISSUE DATE:Schwegman, Lundberg,  
Woessner & Kluth, P.A.

SEP 18 2000

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SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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FISH & RICHARDSON PC PA

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FORM PTO-1584  
01-10-96:CMG

07-20-2000

IT U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Atty Ref/Docket No.: 1155.005PRV

101409566

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Henricus P. C. Hogenkamp

MHD  
6.23.00

2. Name and address of receiving party(ies):

Name: Regents of the University of Minnesota

Street Address: 600 University Gateway  
200 Oak Street SE

City: Minneapolis State: MN ZIP: 55455-2020

Additional name(s) & address(es) attached? [ ]Yes [X]No

Additional name(s) of conveying party(ies) attached? [ ]Yes [X]No

3. Nature of conveyance:

- [X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: June 7 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

Serial No. 60/159,753, filed October 15, 1999

B. Patent No.(s)

Additional numbers attached? [ ]Yes [X]No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gary J. Speier

Address: Schwegman Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR 3.41): \$ 40.00

- [X] Enclosed  
[ ] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary J. Speier/Reg. No. 45.458  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

17/20/2000 DNGUYEN 00000029 60159753

FC:581

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Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

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**ASSIGNMENT**

WHEREAS, I, Henricus P. C. Hogenkamp, residing at 2211 Marion Road, Roseville, MN 55113, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on October 15, 1999, which application is assigned U.S. patent application serial number 60/159,753, and is entitled COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS.

AND WHEREAS, Regents of the University of Minnesota, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 600 University Gateway, 200 Oak Street SE, Minneapolis, MN 55455-2020, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No. 1155.005PRV  
Serial No. 60/159,753  
Filing Date: October 15, 1999  
Page 2 of 2

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

. IN TESTIMONY WHEREOF, I have hereunto set my hand

this 7 day of June, 2000.

H P Hogenkamp  
Henricus P. C. Hogenkamp

STATE OF Minnesota)  
COUNTY OF Minneapolis) ss.

On this 2 day of June, 2000 before me personally appeared Henricus P.  
C. Hogenkamp to me known and known to me to be the person described in and who executed  
the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for  
the uses and purposes therein set forth.

[SEAL]

## Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Henricus P.C. Hogenkamp

Title: COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS

Docket No.: 1155.005PRV

Serial No.: 60/159,753

Filed: October 15, 1999

Due Date: N/A

Examiner: Unknown

Group Art Unit: Unknown

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Attn: Box Assignment

Hon. Commissioner for Patents and Trademarks  
Washington, D.C. 20231

We are transmitting herewith the attached:

- An Assignment of the invention to Regents of the University of Minnesota (2 pgs.) and Recordation Form Cover Sheet (1 pg.).
- A check in the amount of \$40.00 to cover the Assignment Recording Fee.
- A return postcard.

Other: \_\_\_\_\_

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Attn: Box Assignment, Hon. Commissioner for Patents and Trademarks, Washington, D.C. 20231, on this 20 day of June, 2000.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: \_\_\_\_\_  
Name: Gary J. Speier  
Reg. No. 45,458  
GJS:CMG:kll

1155.0059KV



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

OCTOBER 10, 2000

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SCHWEGMAN, LUNDBERG ET AL  
 GARY J. SPEIER  
 P.O. BOX 2938  
 MINNEAPOLIS, MN 55402



\*101439347A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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RECORDATION DATE: 07/25/2000

REEL/FRAME: 011009/0638  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HOGENKAMP, HENRICUS P.C.

DOC DATE: 01/18/2000

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF  
MINNESOTA  
600 UNIVERSITY GATEWAY  
200 OAK STREET SE  
MINNEAPOLIS, MINNESOTA 55455-2070SERIAL NUMBER: 60159753  
PATENT NUMBER:FILING DATE: 10/15/1999  
ISSUE DATE:SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
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RECORDED  
10/15/2000  
Schwegman, Lundberg,  
Woessner & Kluth, P.A.

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Patent and Trademark Office

101439347

ref.

To the Honorable Commissioner of Patents and Trademarks:

## 1. Name of conveying party(ies):

Heinrichus P. C. Hogenkamp

## 2. Name and address of receiving party(ies):

Name: Regents of the University of Minnesota

Additional name(s) of conveying party(ies) attached? [ ]Yes [X]No

Street Address: 600 University-Gateway  
200 Oak Street SE

## 3. Nature of conveyance:

- [X] Assignment      [ ] Merger  
 [ ] Security Agreement      [ ] Change of Name  
 [ ] Other \_\_\_\_\_

City: Minneapolis State: MN ZIP: 55455-2070

Additional name(s) &amp; address(es) attached? [ ]Yes [X]No

Execution Date: January 18, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

Serial No. 60/159,753, filed October 15, 1999

## B. Patent No.(s)

Additional numbers attached? [ ]Yes [X]No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

## 6. Total number of applications and patents involved: 1

Name: Gary J. Speier

## 7. Total fee (37 CFR 3.41): \$ 40.00

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

[ ] Enclosed.

[X] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary J. Speier/Reg. No. 45,458

Name of Person Signing

Signature

7/20/00

Date  
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18/22/2000 DNGUYEN 00000239 190743 60159753

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## ASSIGNMENT

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AND WHEREAS, Regents of the University of Minnesota, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 600 University Gateway, 200 Oak Street SE, Minneapolis, MN 55455-2070, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No. 1155.005PRV  
Serial No. 60/159,753  
Filing Date: October 15, 1999  
Page 3 of 2

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand

this 18 day of January, 2000.

Henricus P.C. Hogenkamp  
Henricus P. C. Hogenkamp

STATE OF Minnesota)  
ss.  
COUNTY OF Hennepin)

On this 18<sup>th</sup> day of January, 2000 before me personally appeared Henricus P. C. Hogenkamp to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

J.T.  
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas A. Collins et al.

Title: COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS

Docket No.: 1155.005PRV

Serial No.: 60/159,753

Filed: October 15, 1999

Due Date: N/A

Examiner: Unknown

Group Art Unit: Unknown

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Attn: Box Assignment

Hon. Commissioner for Patents and Trademarks  
Washington, D.C. 20231

We are transmitting herewith the attached:

- An Assignment of the invention to Regents of the University of Minnesota (2 pgs.) and Recordation Form Cover Sheet (1 pg.).
- Authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.
- A return postcard.

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Attn: Box Assignment, Hon. Commissioner for Patents and Trademarks, Washington, D.C. 20231, on this 20th day of July, 2000.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: GJS  
Name: Gary J. Speier  
Reg. No. 45,458  
GJS:eb

1155.UD5PRV



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
**ASSISTANT SECRETARY AND COMMISSIONER**  
**OF PATENTS AND TRADEMARKS**  
**Washington, D.C. 20231**

SEPTEMBER 07, 2000

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER ET AL  
 GARY J. SPEIER  
 P.O. BOX 2938  
 MINNEAPOLIS, MN 55402



\*101409545A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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RECORDATION DATE: 06/23/2000

REEL/FRAME: 010921/0111  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
COLLINS, DOUGLAS A.

DOC DATE: 06/08/2000

ASSIGNEE:  
MAYO FOUNDATION FOR MEDICAL  
EDUCATION AND RESEARCH  
200 FIRST STREET SW  
ROCHESTER, MINNESOTA 55905SERIAL NUMBER: 60159753  
PATENT NUMBER:FILING DATE: 10/15/1999  
ISSUE DATE:MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDSSchwegman, Lundberg,  
Woessner & Kluth, P.A.SEP 14 2000  
RECEIVED

FORM PTO-1584  
01-10-96:CMG

Atty Ref/Docket No.: 1155.005PRV

To the Honorable Commissioner of Patents and Trademarks

07-20-2000



101409545

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

or copy thereof.

## 1. Name of conveying party(ies):

Douglas A. Collins

MAD  
6-23-00

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

## 3. Nature of conveyance:

- [X] Assignment      [ ] Merger  
 [ ] Security Agreement      [ ] Change of Name  
 [ ] Other \_\_\_\_\_

Execution Date: June 8, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

Serial No. 60/159,753, filed October 15, 1999

## B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gary J. Speier

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$ 40.00

- [X] Enclosed  
 [ ] Authorized to be charged to deposit account

## 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary J. Speier/Reg. No. 45,458

Signature

6/20/00

Name of Person Signing

Date

Total number of pages including cover sheet: 3

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Box Assignments  
Washington, D.C. 20231

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## ASSIGNMENT

WHEREAS, I, Douglas A. Collins, residing at 1150 Meadowlark Court SW, Rochester MN 55902, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on October 15, 1999, which application is assigned U.S. patent application serial number 60/159,753, and is entitled COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS.

AND WHEREAS, Mayo Foundation for Medical Education and Research, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 200 First Street SW, Rochester, MN 55905, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

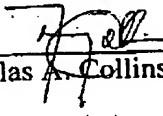
AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No. 1155.005PRV  
Serial No. 60/159,753  
Filing Date: October 15, 1999  
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AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand

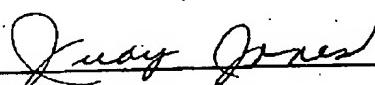
this 8 day of JUNE, 2000.

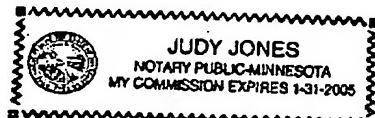
  
Douglas A. Collins

STATE OF MINNESOTA)  
ss.  
COUNTY OF OLMSTED)

On this 8 day of June, 2000 before me personally appeared Douglas A. Collins to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas A. Collins et al.

Title: COBALAMIN CONJUGATES USEFUL AS IMAGING AND THERAPEUTIC AGENTS

Docket No.: 1155.005PRV

Serial No.: 60/159,753

Filed: October 15, 1999

Due Date: N/A

Examiner: Unknown

Group Art Unit: Unknown

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Attn: Box Assignment

Hon. Commissioner for Patents and Trademarks  
Washington, D.C. 20231

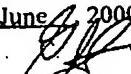
We are transmitting herewith the attached:

- An Assignment of the invention to Mayo Foundation for Medical Education and Research (2 pgs.) and Recordation Form Cover Sheet (1 pg.).
- A check in the amount of \$40.00 to cover the Assignment Recording Fee.
- A return postcard.

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Attn: Box Assignment, Hon. Commissioner for Patents and Trademarks, Washington, D.C. 20231, on this 20 day of June, 2000.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Name: Gary J. Speier  
Reg. No. 45,458  
GJS:CMG:kll